

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02		
Sheet	1	of	1

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
IDC/	C416	"A 1.6-3.2 GHz, High Phase Accuracy Quadrature Phase Locked Loop", Masters Thesis, Department Of Electrical Engineering And Computer Science, Mass. Inst. Of Technology, 06/2003
	C420	Digital And Ericsson Agree On Data Network Project", Wall Street Journal, 10/08/1991, p. B4
	C426	"Messenger User Guide", Cognito Limited, 04/1991
	C439	"Standards: Ericsson", Communications International 1991, 09/1991, p. 46
	C519	Posthearing Brief Of The Commission Investigative Staff, United States International Trade Commission, 04/03/2006
	C522	JOIFAEI et al., "Concept Of On-Board-Processing Satellites", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 391-394
	C523	SESHADRI et al., "Coded Modulation With Time Diversity, Unequal Error Protection, And Low Delay For The Rayleigh Fading Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 283-287
	C524	SLIMANE et al., "Coded Quadrature Pulse-Overlapping Modulation Techniques For Personal Communications", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 293-297
	C525	WANG, "Coded BER Performance In A Correlative Fading Channel", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 126-130
	C526	"Ericsson Wins Mobile Data Pact", Communications Week International, 06/26/1989, No. 21, p. 13
	C527	ROHL, A Short Look on Power Saving Mechanisms In the Wireless LAN Standard Draft IEEE Standard 802.11, 06/26/1997, Bates No. QBB218363-368

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANTS</b> (use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	10787,443	
Sheet		1	of	1	Filing Date	February 26, 2004
					First Named Inventor	Steven Koenck
					Group Art Unit	2616
					Examiner Name	Wellington Chin
					Attorney Docket Number	14425US02

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>5</sup> (if known)					
/DC/	B1	GB	2,250,892	06-17-1992	Owen		
↓	B2	JP	62-37008	08-23-1994	Yamada		
	B3	JP	61-174743	08-06-1986	Sakai		

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
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/DC/	C418	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Rev. 1.11", 02/05/1992, Bates Nos. QBB148827-9062
	C425	"Man-Machine Interface Of The Mobile Station", GSM 02.30 v. 3.9.0, 02/1992, QBB155113-155137
	C442	"Update On Ardis-Mobitex Radio Modem Competition", Newsbyte News Network, 10/02/1991
	C443	"Waiting Time For Wireless", Computerworld, 10/15/1990, pp. 73-75
	C491	MS-BSS Interface – General Aspects And Principles, GSM 04.01 v 3.0.01, 02/1992, QBB155196-155206
	C493	Network Functions, GSM 03.01 v 3.0.0, 02/1992, QBB155138-155152
	C502	Robert Meier Deposition Transcript, 11/18/2005
	C512	Steven Koenck Deposition Transcript, 11/15/2005
	C514	Technical Manual Callmaster IMTS Series: MT-200 & MT-300, 1982
↓	C518	"Ericsson - Company Report: Svenska International PLC", Ericsson Company Report, Svenska International PLC, Investext Report No. 1152645, 11/15/1991, p. 2
/DC/	C574	CALHOUN, Wireless Access and the Local Telephone Network, 1992

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		Attorney Docket Number	14425US02

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	C420	Digital And Ericsson Agree On Data Network Project", Wall Street Journal, 10/08/1991, p. B4
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	C519	Posthearing Brief Of The Commission Investigative Staff, United States International Trade Commission, 04/03/2006
	C522	JOIFAEI et al., "Concept Of On-Board-Processing Satellites", IEEE - ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 391-394
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STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of

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Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DC/	A1	4,449,248	05-15-1984	Leslie et al.	
	A2	5,027,428	06-25-1991	Ishiguro et al.	
	A3	5,058,023	10-15-1991	Kozikaro	
	A4	5,058,203	10-15-1991	Inagami, Fujio	
	A5	5,142,534	08-25-1992	Simpson et al.	
	A6	5,224,152	06-29-1993	Harte	
	A7	5,301,225	12-23-1992	Suzuki et al.	
	A8	5,375,254	12-14-1990	Owen	
	A9	5,420,911	05-30-1995	Dahlin et al.	
	A10	5,590,346	12-31-1996	West et al.	
	A11	5,274,666	12-28-1993	Dowdell et al.	
	A12	5,329,531	07-12-1994	Diepstraten et al.	
	A13	5,329,576	07-12-1994	Handforth	
	A14	5,371,734	12-06-1994	Fischer	
	A15	5,377,192	12-27-1994	Goodings et al.	
	A16	5,696,468	12-09-1997	Nise	
	A17	5,757,239	05-25-1998	Gilmore	
	A18	5,825,253	10-20-1998	Mathe et al.	
	A19	5,910,752	05-08-1999	Filipovic et al.	
	A20	6,348,841	02-19-2002	See	
	A21	6,522,871	02-18-2003	Patrick et al.	
	A22	6,583,675	06-24-2003	Gomez	
	A23	6,593,826	07-15-2003	See	
	A24	6,694,129	02-17-2004	Peterzell et al.	
	A25	6,714,983	03-30-2004	Koenck et al.	
	A26	6,731,146	05-04-2004	Gallardo	
	A27	6,819,197	11-16-2004	Maldonado	
	A28	6,823,033	11-23-2004	Fahim	
	A29	6,888,913	05-03-2005	Walker	
	A30	6,911,856	06-28-2005	Florescu	
	A31	6,928,275	08-09-2005	Patrick et al.	
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/DC/	A33	4,734,694	03-29-1998	Umetsu et al.	

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				Attorney Docket Number	14425US02
Sheet	2	Of	29		

/DC/	A34	4,903,319	02-20-1990	Kasai et al.	
	A35	4,964,121	10-16-1990	Moore	
	A36	4,977,611	12-11-1990	Maru	
	A37	5,128,938	07-07-1992	Borras	
	A38	5,146,214	09-08-1992	Yamada et al.	
	A39	5,203,020	04-13-1993	Sato et al.	
	A40	5,224,150	06-29-1993	Neustein	
	A41	5,275,254	01-04-1994	Shiraishi, et al.	
	A42	5,680,311	10-21-1997	Trsar, et al.	
	A43	5,745,523	10-27-1992	Dent et al.	
	A44	6,359,872	03-19-2002	Mahany et al.	
	A45	6,374,311	04-16-2002	Mahany et al.	
/DC/	A46	6,764,983	07-20-2004	Hammond et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1					

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/DC/	C1	Respondent Qualcomm Incorporated's Notice Of Prior Art, with Exhibits A & D attached thereto
	C2	Qualcomm's Response To Interrogatory 3, with Exhibits B & C attached thereto
	C3	INTENTIONALLY LEFT BLANK
	C4	INTENTIONALLY LEFT BLANK
	C5	"A New Chapter In Wireless Communication And Email", Electronic Messaging News, 11/27/1991, Vol. 3, No. 24
	C6	"A New Radio Access Protocol And Network Architecture For Mobile Packet Data", Cognito Group Limited, Bates Nos. QBB569268-323
	C7	"AMDC Extends RFP Deadline To March 10; Waiver Decision Expected At FCC's March Meeting", Industrial Communications, 02/17/1989, No. 7
	C8	"AMDC Picks Ericsson Gear", Communications Week, 06/12/1989, Vol. 252, p. 44
	C9	"An Effective Prioritization Scheme For Handovers In Cellular Networks", IEEE – ICUPC '92 Proceedings, 09/29/1992-10/02/1992, pp. 364-368
/DC/	C10	"Ardis Links With NCR Notepad 12/11/91", Newsbytes, 12/11/1991

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/DC/	C11	"Ardis To Face Competition From RAM", Newsbytes, 02/05/1991
	C12	"Automation In Warehousing", Proceedings Of The 8 <sup>th</sup> International Conference, Tokyo, Japan, 10/06-08/1987, pp. 1-355
	C13	"Autonomous Radio Stations Possible Over Mobitex", Industrial Communications, 12/09/1988, No. 48
	C14	"Bean Bullish On Growth Of Mobile Data In New Future", Industrial Communications, 02/15/1991, No. 7, p. 8
	C15	"BellSouth Buys Into Ram's Nationwide Mobile Data Network", Industrial Communications, 10/18/1991, No. 42
	C16	"BellSouth Has Option To Buy RAM 10/11/91", Newsbytes, 10/11/1991
	C17	"BellSouth RAM In Joint Venture", BOC Week, 10/21/1991, Vol. 8, No. 40, p. 12
	C18	"BellSouth, RAM To Form Mobile Communications Joint Venture", PR Newswire, 10/10/1991, p. 1
	C19	"Briefing Document For The Design Of The Diplema Messenger MMI, 03/1989
	C20	"Broadband Lan Technology", 1988
	C21	"BT Opens New Service Center", Communications Week, 11/11/1991, p. 25
	C22	"Business Plan Appendix IV - Financial Projections"
	C23	"C Business Plan" Cognito Group Limited, 11/01/1990
	C24	"C Business Plan", Cognito Group Limited, 04/1990
↓	C25	"Canadian Cellular Industry (the) - Industry Report", First Marathon Securities Ltd. Industry Report, 10/25/1991, Investext Report No. 1154903, p. 30
/DC/	C26	"Cantel To Launch Mobile-Data And Paging Networks", The Gazette, Montreal Quebec, 05/10/1989, p. D1
	C27	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Draft Rev. 0", 07/31/1990, Bates Nos. QBB138614-832
	C28	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Draft Rev. 1", 10/01/1990, Bates Nos. QBB138833-9249
	C29	"CDMA Digital CAI Standard, Cellular System Dual-Mode Mobile Station-Base Station Compatability Standard, Draft Rev. 1.1", 07/15/1991, Bates Nos. QBB139250-858
/DC/	C30	"Cellular System Dual-Mode Mobile Station - Base Station Compatibility Standard", EIA/TIA Interim Standard, 05/1990, IS-54
/DC/	C31	"Cellular System Mobile Station - Land Station Compatibility Specification", Office Of Science Technology Bulletin No. 53, 07/1983
/DC/	C32	"Change Request 05.02-11", Recommendation GSM 05.02, v. 3.3.0, 06/22/1989

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	C34	"Coded First To Jump On Mobitex Equipment Bandwagon; Sees Data Licenses As Worth As Much As Cellular", Industrial Communications, 06/09/1989, No. 22
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	C36	"Complexity, High Price Keep Some Customers Away: Mobile Datacoms Taxes Users", Communications Week International, 04/01/1991, p. 20
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				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	5	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C54	"Ericsson And GE And Speedwing Mobile Communications Team Up To Bring Mobile Data Communications To Airports Worldwide", Business Wire, San Francisco, 09/17/1991, p. 1
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Examiner Name	Fred A. Casca
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STATEMENT BY APPLICANT**

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Sheet 11 Of 29

**Complete if Known**

Application Number	10/787,443
Filing Date	February 26, 2004
First Named Inventor	Steven Koenck
Group Art Unit	2687
Examiner Name	Fred A. Casca
Attorney Docket Number	14425US02

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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/DC/	C184	BOOKER, "Cellular Modems Put The Office On The Road", Computerworld, 03/11/1991, Vol. 25, No. 10, pp. 43-44
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/DC/	C200	CAMPBELL et al., "A Cellular IP Testbed Demonstrator", Center For Telecommunications Research, Columbia University, New York, 1999, pp. 1-4
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	C204	Cellular Digital Packet Data System Specification Preliminary Release 0.8 – Book 1, 03/19/1993
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				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	18	Of	29		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/787,443
				Filing Date	February 26, 2004
				First Named Inventor	Steven Koenck
				Group Art Unit	2687
				Examiner Name	Fred A. Casca
				Attorney Docket Number	14425US02
Sheet	24	Of	29		

OTHER ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C385	THORBORG et al., "Mobimed – A Telemedicine System For Mobile Monitoring Of Physiological Parameters", Telecommunication For Health Care: Telemetry, Teleradiology, And Telemedicine 1990, Proceedings Of IEEE Western Canada Conference And Exhibition, 07/06/1990-07/07/1990, SPIE, Vol. 1355, pp. 32-35
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/DC/	C400	INTENTIONALLY LEFT BLANK
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/DC/	C417	INTENTIONALLY LEFT BLANK
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/DC/	C445	BALSTON, Cellular Radio Systems, 1993

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/DC/	C467	File History of USSN 08/513,648 ('983 file history), Bates Nos. BCMITC000071666-72400
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**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DC/	A1	5,649,308	07-15-1997	Andrews	
↓	A2	4,989,230	01/29/1991	Gillig	
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	B4	WO 92/02084	02/06/1992	Koenck		

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/DC/	C489	Mobitex Operators Association, "Mobitex Terminal Specification To Be Used With Cantle Mobitex Radio Network Issue R1A 8000 bps," 02/26/1990

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/787,443
		Filing Date	February 26, 2004
		First Named Inventor	Steven Koenck
		Group Art Unit	2687
		Examiner Name	Fred A. Casca
(use as many sheets as necessary))		Attorney Docket Number	14425US02
Sheet	2	Of	2

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/DC/	C492	Mobitex Operators Association, "Addendum Battery-Saving Protocol for Portable Terminals," 08/17/1990
	C497	Radio Data Link Access Procedure published by Motorola, 03/1991
	C500	Notice Regarding Issuance Of Initial Determination And Recommended Determination On Remedy And Bond, 10/10/2006
	C520	Rebuttal Expert Report Of Ray Nettleton Regarding Validity Of U.S. Patent Nos. 5,714,983 and 6,374,311 (redacted version), 12/15/2005
	C521	Invalidity Expert Report Of Dr. John Proakis (redacted version), 12/05/2005
	C528	Mobitex System Description MTS02.1
	C529	Mobitex Network Layer for Terminals Appendix B MTS09A.2
	C538	GSM 07.01 v 3.13.0, 02/1991
	C575	Qualcomm Incorporated's Sixth Supplemental Objections And Responses To Complainant's First Set Of Interrogatories (Nos. 1-15), 12/09/2005
	C576	YU, "Overview of EIA/TIA IS-41", IEEE 1992
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	C578	KISHINE et al., "A 2.5 Gb/s Clock And Data Recovery IC With Tunable Jitter Characteristics For Use In LAN's And WAN's", IEEE J. of Solid-State Circuits, 06/1999, Vol. 34, No. 6, pp. 805-812
	C579	KRAL et al., "RF-CMOS Oscillators With Switched Tuning", Custom IC Conference, Santa Clara, CA, 05/1998, pp. 555-558
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/DC/	C581	Second Supplemental Expert Report Of Dr. John Proakis (redacted version), 02/09/2006

EXAMINER	/Dady Chery/	DATE CONSIDERED	01/30/2008
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